

IN THE CLAIMS:

Please cancel claims 1-7, 9-10 and 13-28, and amend the claims as follows:

1. (Cancelled) A method of processing a telephone call at a communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, comprising:
processing an identification number associated with the telephone calling card;
receiving a command from the telecommunications device;
in response to the command, configuring a calling card function; and
storing the calling card function for use by the communication processing system during a subsequent telephone call initiated by the user.
2. (Cancelled) The method of claim 1, wherein configuring comprises associating an operation with one or more buttons of the telecommunications device.
3. (Cancelled) The method of claim 1, wherein configuring comprises associating a number of keystrokes on the telecommunications device with a number to be dialed, wherein the number of keystrokes is less than a number of digits of the number to be dialed.
4. (Cancelled) The method of claim 1, wherein configuring comprises selecting a language for voice prompts so that the language is automatically selected by the communication processing system during the subsequent telephone call.
5. (Cancelled) The method of claim 1, further comprising executing the calling card function in response to another command received from the telecommunications device during a the subsequent telephone call.

PATENT
Atty. Dkt. No. ROC920010084US1
MPS Ref. No.: 18MK10084

6. (Cancelled) The method of claim 5, wherein the calling card function is to dial a stored number and executing the calling card function comprises searching for the stored number in a data structure.

7. (Cancelled) The method of claim 6, wherein searching for the stored number comprises:

receiving, from the telecommunications device, a search value associated with the stored number;

accessing the data structure containing a plurality of stored numbers associated with the user;

determining whether an association exists between at least one stored number of the plurality of stored numbers and the stored number to be dialed; and

if an association exists, then processing the at least one stored number.

8. (Currently Amended)

~~The method of claim 7,~~

A method of processing a telephone call at a communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, comprising:

processing an identification number associated with the telephone calling card;

receiving a command from the telecommunications device;

in response to the command, configuring a calling card option to dial a stored number in a data structure containing a plurality of stored numbers associated with the user; and

storing the calling card option for use by the communication processing system during a subsequent telephone call initiated by the user.

receiving, from the telecommunications device, during a subsequent telephone call, a search value associated with the stored number, wherein the search value comprises a name;

in response to receiving the search value, accessing the data structure containing the plurality of stored numbers associated with the user, and wherein

accessing the data structure comprises assessing searching one or more address books for the search value:

identifying the stored number to be dialed corresponding to the search value; and
causing the stored number to be dialed.

9. (Cancelled) The method of claim 7, wherein processing the at least one stored number comprises, if the at least one stored number includes more than one number:
allowing the user to select one number from the at least one stored number; and
dialing the selected one number.

10. (Cancelled) A communication processing system configured to process a telephone call at a communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, the communication processing system, comprising:

a computer comprising a network connection facility to communicate with the telecommunications device, and a processor configured to perform an operation during a network connection with the telecommunications device, the operation comprising:

process a telephone calling card identification number received from the telecommunications device;

enable at least one user-defined calling card function using the identification number, wherein the user-defined calling card function was configured during a previous network connection between the network connection facility and a telephony device operated by the user;

receive, from the telecommunications device, a command configured to invoke the at least one user-defined calling card function; and
execute the at least one user-defined calling card function.

11. (Currently Amended) ~~The communication processing system of claim 10,~~
~~A method for processing a telephone call at a communication processing system,~~
~~wherein the telephone call is made from a telecommunications device by a user using a~~
~~telephone calling card, the method, comprising:~~

processing a telephone calling card identification number received from the telecommunications device;

enabling at least one user-defined calling card function using the identification number, wherein the user-defined calling card function was configured during a previous network connection between the network connection facility and a telephony device operated by the user;

receiving, from the telecommunications device, a command configured to invoke the at least one user-defined calling card function; and

executing the at least one user-defined calling card function, wherein executing the at least one user-defined calling card function comprises redialing one of a plurality of previously dialed numbers stored in a dialed numbers data structure.

12. (Currently Amended) The communication processing system method of claim [[10]] 11, wherein executing the at least one user-defined calling card function comprises dialing a number and the command comprises user input of less than all digits of the number to be redialed.

13. (Cancelled) The communication processing system of claim 10, wherein executing the at least one user-defined calling card function comprises at least one of redialing a last number dialed, searching for a number, setting a language preference for voice prompts, and combinations thereof.

14. (Cancelled) The communication processing system of claim 10, wherein executing the at least one user-defined calling card function comprises searching for a stored number in at least one address book specific to the user.

15. (Cancelled) A computer-readable medium containing a telephone calling card program, wherein the calling card program, when executed by a processor performs operations comprising:

communicating with the telecommunications device via a network connection in response to a telephone call initiated by a user of the telecommunications device;

processing an identification number associated with a telephone calling card of the user;

receiving a command from the telecommunications device;

in response to the command, configuring a calling card function; and

storing the calling card function for use during a subsequent telephone call initiated by the user.

16. (Cancelled) The computer-readable medium of claim 15, wherein configuring comprises associating an operation with one or more buttons of the telecommunications device.

17. (Cancelled) The computer-readable medium of claim 15, wherein configuring comprises associating a number of keystrokes on the telecommunications device with a number to be dialed, wherein the number of keystrokes is less than a number of digits of the number to be dialed.

18. (Cancelled) The computer-readable medium of claim 15, wherein configuring comprises selecting a language for voice prompts so that the language is automatically selected by the communication processing system during the subsequent network connection.

19. (Cancelled) The computer-readable medium of claim 15, further comprising executing the calling card function in response to another command received from the telecommunications device during the subsequent network connection.

20. (Cancelled) The computer-readable medium of claim 19, wherein the calling card function is to dial a stored number and executing the calling card function comprises searching for the stored number in a data structure.

21. (Cancelled) The computer-readable medium of claim 20, wherein searching for the stored number comprises:

PATENT
Atty. Dkt No. ROC920010084US1
MPS Ref. No.: IBMK100%

receiving, from the telecommunications device, a search value associated with the stored number;

accessing the data structure containing a plurality of stored numbers associated with the user;

determining whether an association exists between at least one stored number of the plurality of stored numbers and the stored number to be dialed; and

if an association exists, then processing the at least one stored number.

22. (Cancelled) The computer-readable medium of claim 21, wherein the search value comprises a name and wherein accessing the data structure comprises accessing one or more address books.

23. (Cancelled) The computer-readable medium of claim 21, wherein processing the at least one stored number comprises, if the at least one stored number includes more than one number:

allowing the user to select one number from the at least one stored number; and

dialing the selected one number.

24. (Cancelled) A computer-readable medium containing a telephone calling card program, wherein the calling card program, when executed by a processor performs operations comprising:

communicating with the telecommunications device via a network connection in response to a telephone call initiated by a user of the telecommunications device;

processing an identification number associated with a telephone calling card of the user;

enabling at least one user-defined calling card function using the identification number, wherein the user-defined calling card function was configured during a previous network connection initiated by the user;

PATENT
Atty. Dkt. No. ROC920010084US1
MPS Ref. No.: IBMK10084

receiving, from the telecommunications device, a command configured to invoke the at least one user-defined calling card function; and
executing the at least one user-defined calling card function.

25. (Cancelled) The computer-readable medium of claim 24, wherein executing the at least one user-defined calling card function comprises dialing a previously dialed number.

26. (Cancelled) The computer-readable medium of claim 24, wherein executing the at least one user-defined calling card function comprises dialing a number and the command comprises user input less than all digits of the number.

27. (Cancelled) The computer-readable medium of claim 24, wherein executing the at least one user-defined calling card function comprises at least one of redialing a last number dialed, searching for a number, setting a language preference for voice prompts, and combinations thereof.

28. (Cancelled) The computer-readable medium of claim 24, wherein executing the at least one user-defined calling card function comprises searching for a stored number in at least one address book specific to the user.

Please add the following new claims:

29. (New) The method of claim 11, further comprising:
receiving, from the telecommunications device, a command configured to set a limited number of previously dialed numbers to be stored in the dialed numbers data structure.

30. (New) The method of claim 11, wherein receiving the command configured to invoke the at least one user-defined calling card function and redialing one

of the plurality of previously dialed numbers stored in the dialed numbers data structure comprises:

receiving, from the telecommunications device, N user-input digits of the one previously dialed number, the one previously dialed number having P number of digits where P is less than N;

responsive to receiving the N digits, performing a number lookup to determine the one previously dialed number; and

dialing the determined one previously dialed number without requiring user input of all P digits of the previously dialed number.

31. (New) The method of claim 30, wherein the at least one user-defined calling card function further comprises a name lookup function, and further comprising:

receiving another command configured to invoke the lookup function, the command comprising a user name; and

in response to receiving the other command, accessing a directory containing a plurality of telephone numbers and a respective name for each of the plurality of telephone numbers in order to identify a number corresponding to the user name; and

after identifying the number corresponding to the user name, causing the number to be dialed.

32. (New) The method of claim 30, wherein performing the number lookup to determine the one previously dialed number is prompted by an expiration of a predefined delay period initiated after receiving a last digit of the N user-input digits.

33. (New) The method of claim 32, wherein the predefined delay period is associated with the telephone calling card and is defined by the user of the telephone calling card.

34. (New) The method of claim 11, wherein redialing one of the plurality of previously dialed numbers stored in the dialed numbers data structure comprises:

receiving, from the telecommunications device, a command containing a user-input number N; and

dialing an Nth previously dialed number stored in the dialed numbers data structure.

35. (New) A method of processing a telephone call at a communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, comprising:

processing an identification number associated with the telephone calling card;

receiving a command from the telecommunications device;

in response to the command, designating a dial tone to be associated with the telephone calling card, the dial tone being designated from a plurality of available dial tones; and

storing the designated dial tone for use by the communication processing system during a subsequent telephone call initiated by the user.

36. (New) The method of claim 35, further comprising:

receiving a second command from the telecommunications device;

in response to the second command, setting a language preference for voice prompts so that the language preference is automatically selected by the communication processing system during the subsequent telephone call, the language preference being selected from a plurality of available languages.

37. (New) The method of claim 36, further comprising:

prompting the user, in each of the plurality of available languages, to select the language preference for voice prompts.

38. (New) A communication processing system configured to process a telephone call at the communication processing system, wherein the telephone call is made from a telecommunications device by a user using a telephone calling card, the communication processing system, comprising:

PATENT
Atty. Dkt. No. ROC920C10684US1
MPS Ref. No.: IBMK10084

a computer comprising a network connection facility to communicate with the telecommunications device, and a processor configured to perform an operation during a network connection with the telecommunications device, the operation comprising:

processing a telephone calling card identification number received from the telecommunications device;

enabling at least one user-defined calling card function using the identification number, wherein the user-defined calling card function was configured during a previous network connection between the network connection facility and a telephony device operated by the user;

receiving, from the telecommunications device, a command configured to invoke the at least one user-defined calling card function; and

executing the at least one user-defined calling card function, wherein executing the at least one user-defined calling card function comprises redialing one of a plurality of previously dialed numbers stored in a dialed numbers data structure.

39. (New) The communication processing system of claim 38, wherein the command comprises user input of less than all digits of the number to be redialed.

40. (New) The communication processing system of claim 38, wherein the operation further comprises:

receiving, from the telecommunications device, a command configured to set a limited number of previously dialed numbers to be stored in the dialed numbers data structure.

41. (New) The communication processing system of claim 38, wherein receiving the command configured to invoke the at least one user-defined calling card function and redialing one of the plurality of previously dialed numbers stored in the dialed numbers data structure comprises:

PATENT
Atty. Dkt. No. ROC920010084US1
MPS Ref. No.: IBMK10084

receiving, from the telecommunications device, N user-input digits of the one previously dialed number, the one previously dialed number having P number of digits where P is less than N;

responsive to receiving the N digits, performing a number lookup to determine the one previously dialed number; and

dialing the determined one previously dialed number without requiring user input of all P digits of the previously dialed number.

42. (New) The communication processing system of claim 41, wherein the at least one user-defined calling card function further comprises a name lookup function, and the operation further comprises:

receiving another command configured to invoke the lookup function, the command comprising a user name; and

in response to receiving the other command, accessing a directory containing a plurality of telephone numbers and a respective name for each of the plurality of telephone numbers in order to identify a number corresponding to the user name; and

after identifying the number corresponding to the user name, causing the number to be dialed.

43. (New) The communication processing system of claim 41, wherein performing the number lookup to determine the one previously dialed number is prompted by an expiration of a predefined delay period initiated after receiving a last digit of the N user-input digits.

44. (New) The communication processing system of claim 43, wherein the predefined delay period is associated with the telephone calling card and is defined by the user of the telephone calling card.

45. (New) The communication processing system of claim 38, wherein redialing one of the plurality of previously dialed numbers stored in the dialed numbers data structure comprises:

PATENT
Atty. Dkt. No. ROC920010084US1
MPS Ref. No.: IBMK10084

receiving, from the telecommunications device, a command containing a user-input number N; and
dialing an Nth previously dialed number stored in the dialed numbers data structure.